BRUHATH BENGALURU MAHANAGARA PALIKE

PROJECT MANAGEMENT CONSULTANCY REPORT

Name of Work: Restoration and Improvements of roads at Hesaraghatta main road, G - Ramaiah layout, Sai Archade layout, Vijaya Bank Layout, Adityanagara Phase-02 and surrounding areas in Ward No.03 of Yelahanka New town Sub Division (Package No-09), BBMP, Bangalore.

Civil Aim Consultants & Engineers

(Buildings Geo-Test & Highway Materials Testing Laboratory)

An ISO 9001:2015 Certified Company

NABL Accredited As Per ISO/IEC 17025:2017 Laboratory

No.01, Satvika Nilaya,Opp.Widia Poorna Prajna School,Ramaiah Layout Nagasandra Bengaluru -560073.

CIVIL AIM CONSULTANTS & ENGINEERS
(Building Geo-Tech & Highway Materials Testing Laboratory)

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Ref: CACE/BBMP/EE/DIV/YLK/PMC/01/2021-22

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Name of Client	:	**Executive Engineer, Yelahanka Division, BBMP, Bangalore.**
Contractor/Agency	:	**Sri. K Venkataraju, Contractor, Bangalore.**
Estimate Cost	:	Rs. 11.50 Cr.
Date of Inspection	:	28.03.2022
Status of Bill	:	1st and Part
In the Presence of	:	(a) **Assistant Engineer (ward No.03),** BBMP, Bangalore.
	:	(b) **Mr. Prajwal,** Engineer
		M/s. Civil Aim Consultants & Engineering, Bangalore

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Sl.No	Description of the Item		Comments / observations
1	KSRRB 300 - Excavation for road, drains and similar works - KSRRB 300-1. Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2	:	Work done up to the billed quantity and Quality is satisfactory
3	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical meanse including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements	:	Work done up to the billed quantity and Quality is satisfactory
4	KSRB 4-1.3 : Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine	:	Work done up to the billed quantity and Quality is satisfactory

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Sl.No	Description of the Item		Comments / observations
5	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69	:	Work done up to the billed quantity and Quality is satisfactory
6	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters,	:	Work done up to the billed quantity and Quality is satisfactory
7	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design Mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum	:	Work done up to the billed quantity and Quality is satisfactory
8	KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever	:	Work done up to the billed quantity and Quality is satisfactory
12	Supply and fixing Precast reinforced concrete slab 10cm thick including cost of reinforcement as per design and drawing, material cost, transportation, hire charges of machinery,	:	Work done up to the billed quantity and Quality is satisfactory
13	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete. - do - 10 cms thick (Page No.27 & Item No- 5.31.2)	:	Work done up to the billed quantity and Quality is satisfactory
14	KSRB 5-8.1 : Providing one line dressing to granite stone slab / granite stone masonry as per specifications. KBS 5.1.13(Page No.26 & Item No- 5.17)	:	Work done up to the billed quantity and Quality is satisfactory
15	Supply and fixing Precast reinforced concrete slab 23cm thick including cost of reinforcement as per design and drawing, material cost, transportation, hire charges of machinery,	:	Work done up to the billed quantity and Quality is satisfactory

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Sl.No	Description of the Item		Comments / observations
16	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine	:	Work done up to the billed quantity and Quality is satisfactory
17	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length	:	Work done up to the billed quantity and Quality is satisfactory
18	KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all	:	Work done up to the billed quantity and Quality is satisfactory
21	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/ basalt material, mixing in a mechanical mix	:	Work done up to the billed quantity and Quality is satisfactory
22	KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications	:	Work done up to the billed quantity and Quality is satisfactory
23	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at	:	Work done up to the billed quantity and Quality is satisfactory
24	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting	:	Work done up to the billed quantity and Quality is satisfactory
25	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray	:	Work done up to the billed quantity and Quality is satisfactory

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Sl.No	Description of the Item		Comments / observations
26	KSRRB M500-19. Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to	:	Work done up to the billed quantity and Quality is satisfactory
27	KSRB 15-19.2 :Providing and applying ready mix priming coat over concrete/masonry/asbestos cement sheet/plastered surfaces including preparing the surface after throughly cleaning of	:	Work done up to the billed quantity and Quality is satisfactory
28	KSRB 800-1.Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications.	:	Work done up to the billed quantity and Quality is satisfactory

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